



Pending			
1. <input checked="" type="checkbox"/> 00:04: LS: (258) 11 or 12 or 13 or 14			
<input checked="" type="checkbox"/> Active			
<input checked="" type="checkbox"/> L1: (98) (205/336).CCLS.			
<input checked="" type="checkbox"/> L2: (59) (205/391).CCLS.			
<input checked="" type="checkbox"/> L3: (104) (205/392).CCLS.			
<input checked="" type="checkbox"/> L4: (41) (205/396).CCLS.			
<input checked="" type="checkbox"/> Failed			
<input checked="" type="checkbox"/> Saved			
<input checked="" type="checkbox"/> Favorites			
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<input checked="" type="checkbox"/> UDC			
<input checked="" type="checkbox"/> Queue			
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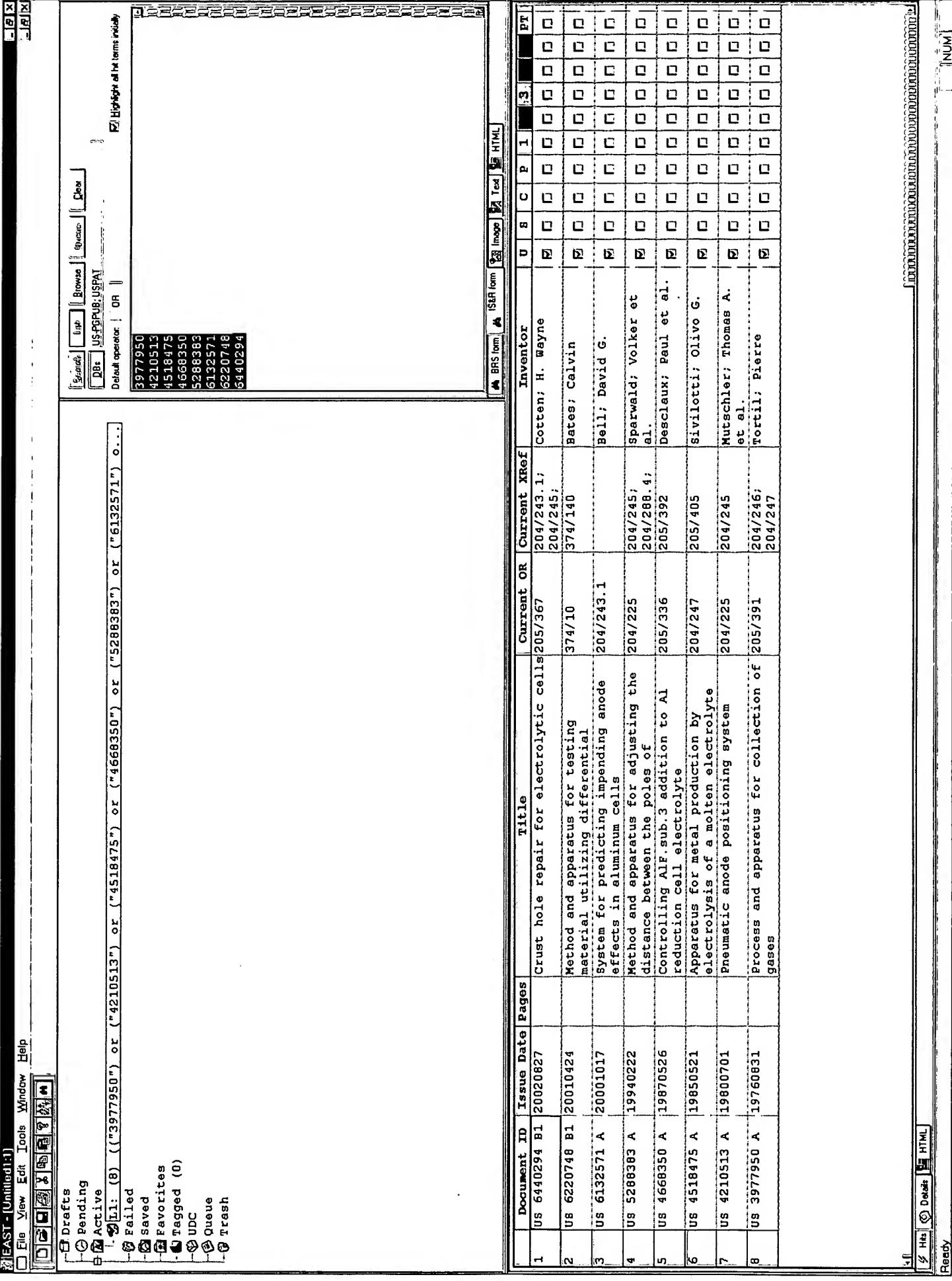
Search:

DBs: US-PUB-USPA Default provider: ADU

Blanks Highlight all hot terms initially

11 or 12 or 13 or 14

Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Inventor	U	S	C	P	I	S	Pt
1 US 20050247588	20051110	16	Method of controlling an aluminum cell with variable alumina dissolution rate	205/336		Svoevskiy, Alexey V. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
2 US 20050230255	20051020		Aluminum electrolysming cell design with movable insulating cover sections	205/372	204/243.1; 204/247.4;	De Nora, Vittorio et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3 US 20050040037	20050224		Use of infrared imaging to reduce energy consumption and fluoride consumption	205/336		Bruggeman, Jay N. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4 US 20040168931	20040902		Method for regulating an electrolysis cell	205/336		Bonnardel, Olivier et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5 US 20040079639	20040429		Process for controlling anode effects during the production of aluminium	205/336	205/389	Santerre, Renaud et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6 US 20030183514	20031002		Electrolytic cell for the production of aluminium and a method for maintaining a	204/243.1	205/372; 205/396	Aune, Jan Arthur et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7 US 2003014119712	20030731		Maintaining molten salt electrolyte concentration in aluminium-producing	205/392	205/391; 205/394;	Barnett, Robert J. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8 US 20030057102	20030327		Temperature control for low temperature reduction cell	205/376	205/386; 205/387;	Beck, Theodore R.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9 US 20030034233	20030220		Aluminum electrolysis using solid cryolite/alumina crust as anode	205/372	205/385; 205/396	Ilgar, Ersan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10 US 20020195350	20021226		Use of recuperative heating for start-up of electrolytic cells with inert anodes	205/372	204/290.01; 204/291;	Christini, Roy A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11 US 20020066674	20020606		Electrolytic cell with improved alumina feed device	205/389	204/245; 205/392	Nora, Vittorio de et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12 US 6866768 B2	20050315		Electrolytic cell for production of aluminum from alumina	205/376	204/244; 204/245;	Bradford; Donald R et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	





File View Edit Tools Window Help

Drafts

Active

- Li: (1887459) temperature
- 12: (1123648) measure or measures or measured or measuring
- 13: (1029429) determine or determines or determined or determining
- 14: (528221) monitor or monitors or monitored or monitoring
- 15: (2321142) 12 or 13 or 14
- 16: (95290) 11 near 3 15
- 17: (250474) electroly^s or electroly^s
- 18: (10249) (molten or fused) near2 (bath or electrolyte)
- 19: (414286) aluminum or aluminium
- 110: (17) 16 and 17 and 18 and 19

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search [Text] [Browses] [Group] [Clear]

DB: EPO, JPO, DERVENT, IBM TDB

Detail Selector: AJN

Highlights of hot terms initially

16 and 17 and 18 and 19

Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Inventor	U	S	C	P	1	3	4	PTD
1 WO 2005021838	20050310	10	MEASURING DUCT OF GAS TEMPERATURES TO IMPROVE ELECTROLYTIC CELL ENERGY			SLAUGENHAUPT, MICHAEL L et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2 WO 2004111311	20041223		DEVICE FOR MEASURING THE ELECTROLYTE TEMPERATURE OF ALUMINUM REDUCTION CELLS			ALLAIRE, CLAUDE	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
3 EP 716165 A1	19960612		Process and apparatus for measuring the temperature and the bath level of molten aluminum reduction cells			SULMONT, BENOIT et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
4 US 2005040047	20050224		Controlling operations in electrolytic cell for producing aluminum by thermocouple device, for measuring molten electrolyte temperature in			BRUGGEMAN, J N et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
5 WO 2004111311	20041223		Thermocouple device, for measuring molten electrolyte temperature in			ALLAIRE, C	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
6 JP 2004020285	20040122		Measurement of phosphorus concentration in molten metal, involves collating				<input checked="" type="checkbox"/>	<input type="checkbox"/>						
7 WO 200268726	A20020906		Regulation of electrolysis cell, used for production of aluminum, involves			BONNARDI, O et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
8 EP 716165 A	19960612		Measurement of electrolyte temp. and level in tanks for prodn. of aluminum			GRANACHER, O et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
9 DE 4138409 A	19930527		Reference electrode for partial pressure measurements in high temperature medium			BAUCKE, F G K et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
10 EP 463541 A	19920102		Zirconia oxygen sensor - for measuring oxygen potential in low-melting point			HIROSE, Y et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
11 CN 1057335 A	19911225		Determn. of temp. of mineral melt or molten salt electrolyte, e.g. for			LIU, Y et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
12 EP 91399 A	19831012		Electrolytic aluminium bath temp. determin. - by infrared detector optical			ROGGEN, R	<input checked="" type="checkbox"/>	<input type="checkbox"/>						

File View Edit Tools Window Help

Drafts Pending Active

L1: (101658) temperature.clm.

L2: (84471) (measure or measures or measured or measuring).clm.

L3: (214746) (determine or determines or determined or determining).clm.

L4: (53251) (monitor or monitors or monitored or monitoring).clm.

L5: (281684) 12 or 13 or 14

L6: (9245) 11 near3 15

L7: (291) ((molten or fused) near2 (bath or electrolyte)).clm.

L8: (33476) (aluminum or aluminum).clm.

L9: (4) 16 and 17 and 18

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search Brush Highlight terms initially

DBs: US-POPIB Default operator: AND

16 and 17 and 18

885 form ISER form Image Text HTML

Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Inventor	U	S	C	P	1	3	PT
1 US 20050069018	20050331	13	Molten cryolitic bath probe	374/139		Hosler, Robert B. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
A1													
2 US 2005040047	20050224		Use of infrared imaging to reduce energy consumption and fluoride consumption	205/336		Bruggeman, Jay N. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
A1			METHOD AND REACTOR FOR PRODUCTION OF										
3 US 20040173033	20040909		ALUMINUM BY CARBOTHERMIC REDUCTION OF	75/10.27		Aune, Jan Arthur et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
A1			Apparatus for hydrocarbon processing										
4 US 20020179495	20021205			206/134; 208/135;		Heyse, John V. et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
A1													

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